

THREE NEW SOUTH AMERICAN LAND SNAILS
(STROPHOCHEILUS, THAUMASTUS,
DRYMAEUS)

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STROPHOCHEILUS (MEGALOBULIMUS) LEUCOSTOMA WEYRAUCHI,
new subspecies. Plate 7, figs. 1-4.

Averaging smaller and in proportion wider at the body-whorl and in the spire than typical *S. leucostoma* (Sowerby). Regularly ovate in outline, widest slightly below mid-length. Spire short, with rather wide and blunt summit; penultimate whorl decidedly broader and shorter than in most *leucostoma* of the nominate race. Body-whorl about six-sevenths of the total length in front view (50 mm. long in the holotype), more obese than usual. Sculpture as in the typical race, the nepionic riblets of the same type. Vertical folds of body-whorl somewhat coarser and less regular; in one of the paratypes (Fig. 2) these folds are cut at the periphery by three widely spaced engraved lines and the upper third of the body-whorl is irregularly mallete, apparently abnormal features, as the holotype and the other 7 paratypes show no trace of them. Fine granulation present on the spire, very weak or almost lacking on the body-whorl. Color of fresh specimens as in the nominate race, the coarser folds of the body-whorl white.

Measurements (in mm.). Holotype, M. C. Z. No. 166295: 5 whorls; length, 58.5; width in front view, 35.5; width in profile, 29; length of aperture, 35; width of aperture, 19. Plate 7, fig. 1.

Corresponding measurements of 4 paratypes. (a) Ac. N. Sc. Phila. No. 183974: 5 whorls; 65.5, 38, 30.5, 40.5, 21, Plate 7, fig. 2. (b) 5 whorls; 59.5, 35, 30, 35.5, 19. (c) 5 whorls; 57, 35.5, 28, 35.5, 18. (d) 5 whorls; 56.5, 36.5, 29.5, 35, 18.5.

PERU: Holotype M. C. Z. No. 166295, 3 paratypes M. C. Z. No. 166296, and 4 paratypes Mus. Nat. Hist. Lima, without more precise locality, received from Dr. W. Weyrauch. One paratype, Ac. N. Sci. Phila. No. 183974, obtained by Dr. H. A. Pillsbry in Cusco, but exact locality unknown.

This new race differs from typical *S. leucostoma* in the average small size, the very rounded summit, the short spire and the relatively wider penultimate whorl. These differences appear to be of no more than subspecific value, particularly as in a

large lot of typical *leucostoma* recently collected by Dr. W. Weyrauch at Santa Ana, in the Urubamba Valley, between 3000 and 3500 ft., some specimens (Fig. 5) have a rather broad penultimate whorl, although the spire is more raised and more pointed than in *weyrauchi*.

THAUMASTUS (SCHOLVIENIA) ARGENTINUS, new species. Plate 7, fig. 6.

Closely related to *T. weyrauchi* Pilsbry (1944, *The Nautilus*, vol. 57, p. 121, Pl. 11, figs. 2-2a), from Peru, of which I have compared several topotypes. Shell elongate turriculate, slender, regularly tapering to the very obtuse apex, narrowly rimate, fairly solid, but light and translucent. Dark mahogany-brown, with a narrow white spiral band a very short distance below the suture and on the body-whorl a pair of broader white spiral bands at the periphery, of which the upper one only is visible on the earlier whorls above the suture. Umbilical area entirely dark. Shape and sculpture of apical (nepionic) whorls as in *T. weyrauchi*, but the vertical striae on the lower half of the body-whorl finer and more wavy. Later whorls very slightly convex, separated by narrow, shallow sutures. Spire about three-eighths of total length in front view, more broadly conical than in *T. weyrauchi*, the third and fourth whorls being wider in proportion to the height. Aperture oval, shaped as in *T. weyrauchi*, but the upper flattened portion of the columellar margin shorter and narrower, reflexed over the narrow slit-like umbilical rimation. Outer lip barely thickened, very narrowly expanded. Columella, peristome and very thin parietal callus white.

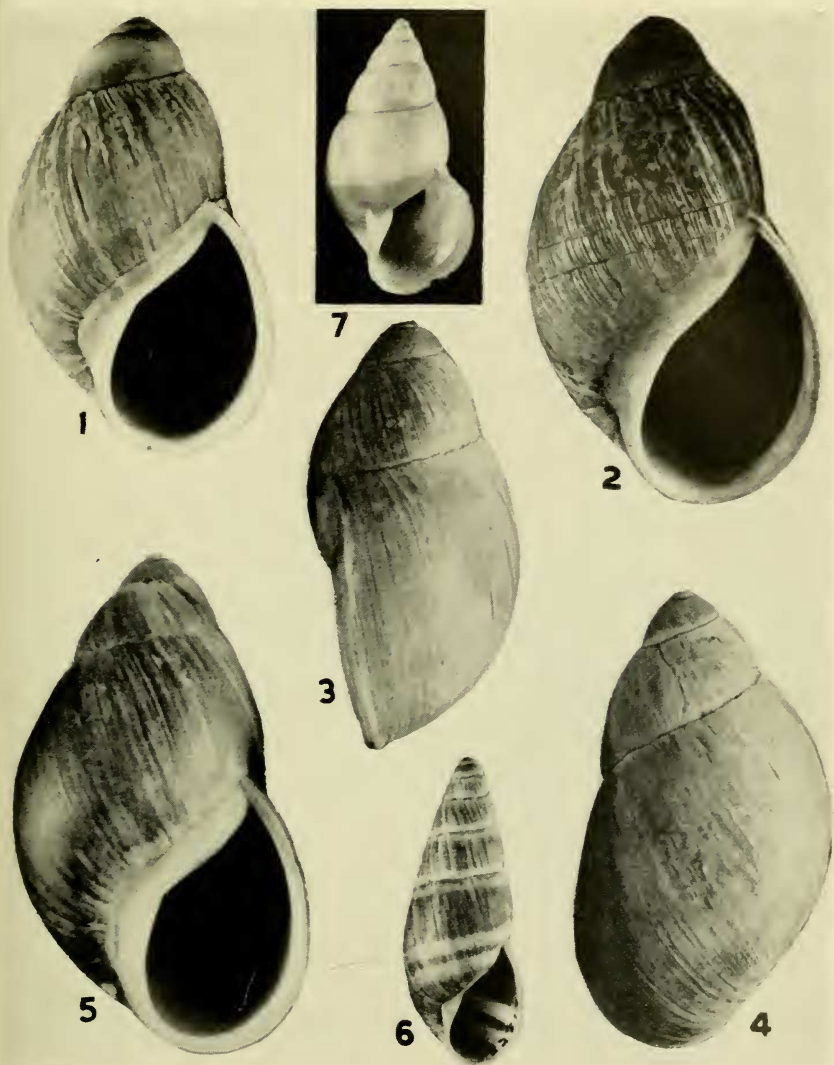
Measurements (in mm.) Holotype M. C. Z. No. 132313: $6\frac{1}{2}$ whorls; length, 40.2; width in front view, 15.5; length of aperture, 16.5; width of aperture, 9.

ARGENTINA: Holotype M. C. Z. No. 132313, Hacienda Ducous, 15 kilom. N. of Pique, Dept. Saavedra, Prov. Buenos Aires (W. J. Eyerdam).

The relatively broader whorls of the spire, the different shape of the upper columellar area and the narrow, slit-like umbilicus seem to warrant giving this shell specific status, rather than subordinating it as a subspecies to *T. weyrauchi*.

DRYMAEUS (DRYMAEUS) FAIRCHILD, new species. Plate 7, fig. 7.

Shell lengthened ovate-conic, thin, rather fragile, translucent, deeply rimate. Dirty white, also at apex and at base, with



FIGS. 1-4. *Strophocheilus leucostoma weyrauchi* J. Bequaert: 1, holotype; 2, 3, and 4, paratypes. FIG. 5. *Strophocheilus leucostoma* (Sowerby), typical race. Santa Ana, Peru. FIG. 6. *Thaumastus argentinus* J. Bequaert, holotype. FIG. 7. *Drymacus fairchildi* J. Bequaert, holotype. All natural size.